***Forensic Science – Lab Rubric***

***Standard: Science Inquiry- Students can conduct investigations, analyze and evaluate results as well as communicate findings.***

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|  | Excellent (4 pts) | Good (3 pts) | Partial (2 pts) | Needs Work (1 pt) |
| **Data Table/ Graph** | 1. Results and data are clearly recorded, organized so it is easy for the reader to see trends.  2. Independent variable labels are included  3. Dependent variable labels are included.  4. Title and Unit of measurement included | Results are clear and labeled, trends are not obvious or there are minor errors in organization | Results are unclear, missing labels, trends are not obvious, disorganized, there is enough data to show the experiment was conducted | Results are disorganized or poorly recorded, do not make sense; not enough data was taken to justify results |
| **Conclusions** | 1. Correct blood type (and suspect) is identified and matched to crime scene blood sample based on the data from the experiment. The data includes blood type and Rh factor.  2. Summarizes data used to draw conclusions: The conclusions follow data (not wild guesses or leaps of logic),  3. Includes a scientific explanation of the investigation using science vocabulary like serum, Rh, and clumping. 4. Discusses applications or real world connections. How could you use this experiment with blood in other situations? | 3 of 4 of the "excellent" conditions is met | 2 of the 4 excellent conditions met | 1 of the 4 excellent conditions met |
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